

THE ALASKAN WAY VIADUCT



Welcome



**Washington State
Department of Transportation**



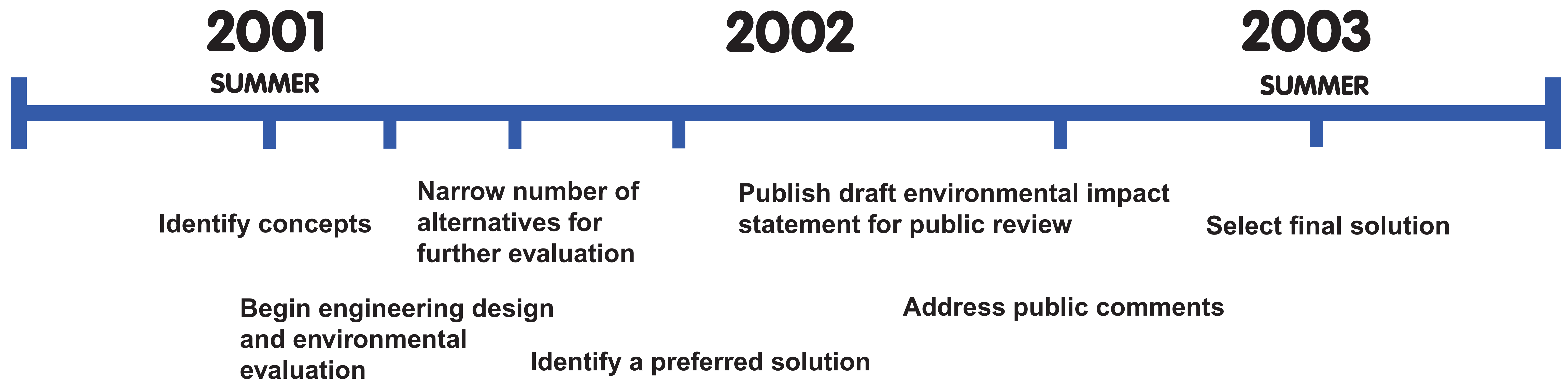
**City of
Seattle**

What is the project's purpose?

The purpose is to construct a facility with improved earthquake resistance that maintains or enhances the movement of people and goods along or near the existing SR 99 Corridor. It must be safe, reliable and cost-effective, and avoid, minimize or mitigate impacts on the affected environment. The project will also maintain or improve access along the waterfront for pedestrians, the Port of Seattle, and the Washington State Ferries. The project may involve improvements to the existing viaduct or construction of a new facility.



What is the project's schedule?

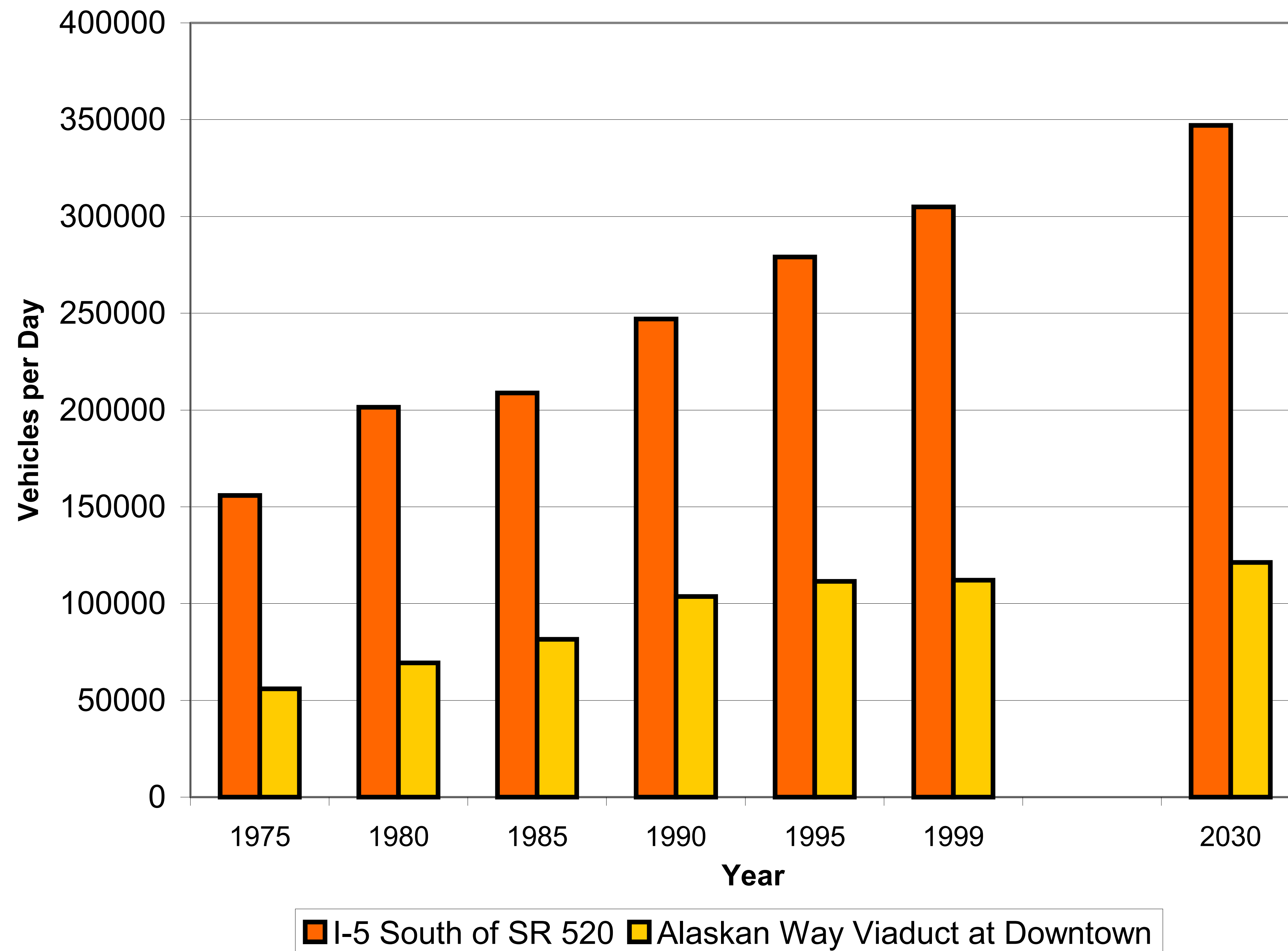


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Why is the project needed?

- Improve Safety
 - Seismic vulnerability of existing structure
 - Sub-standard lane, shoulder, and ramp design
 - Four high accident locations along the viaduct
- Maintain current role and function of the viaduct
- Maintain or improve local and regional roadway system linkages

Traffic Volume and Growth on I-5 and the Alaskan Way Viaduct

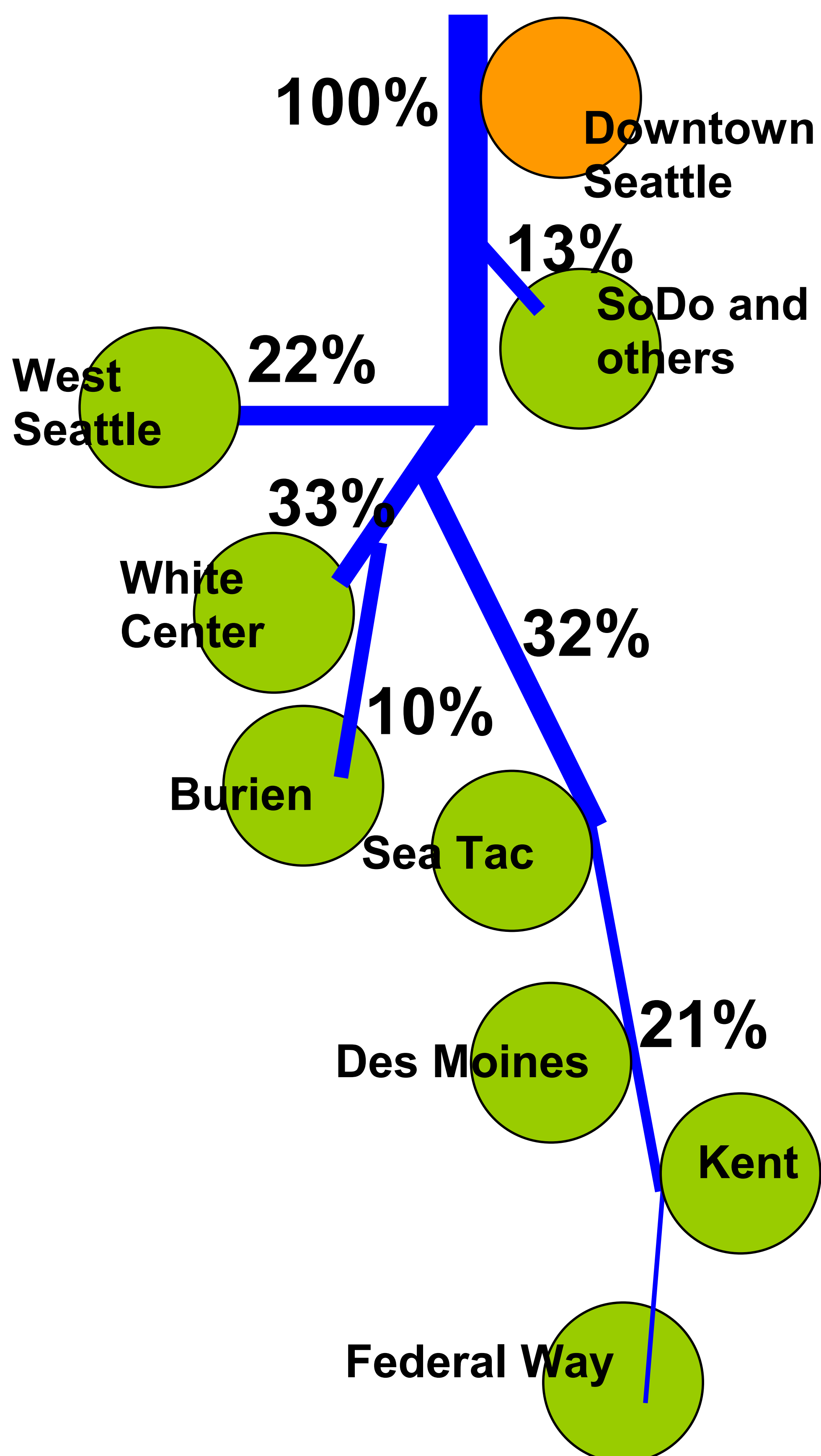


➤ Alaskan Way Viaduct Carries 1/3 of I-5's Volumes

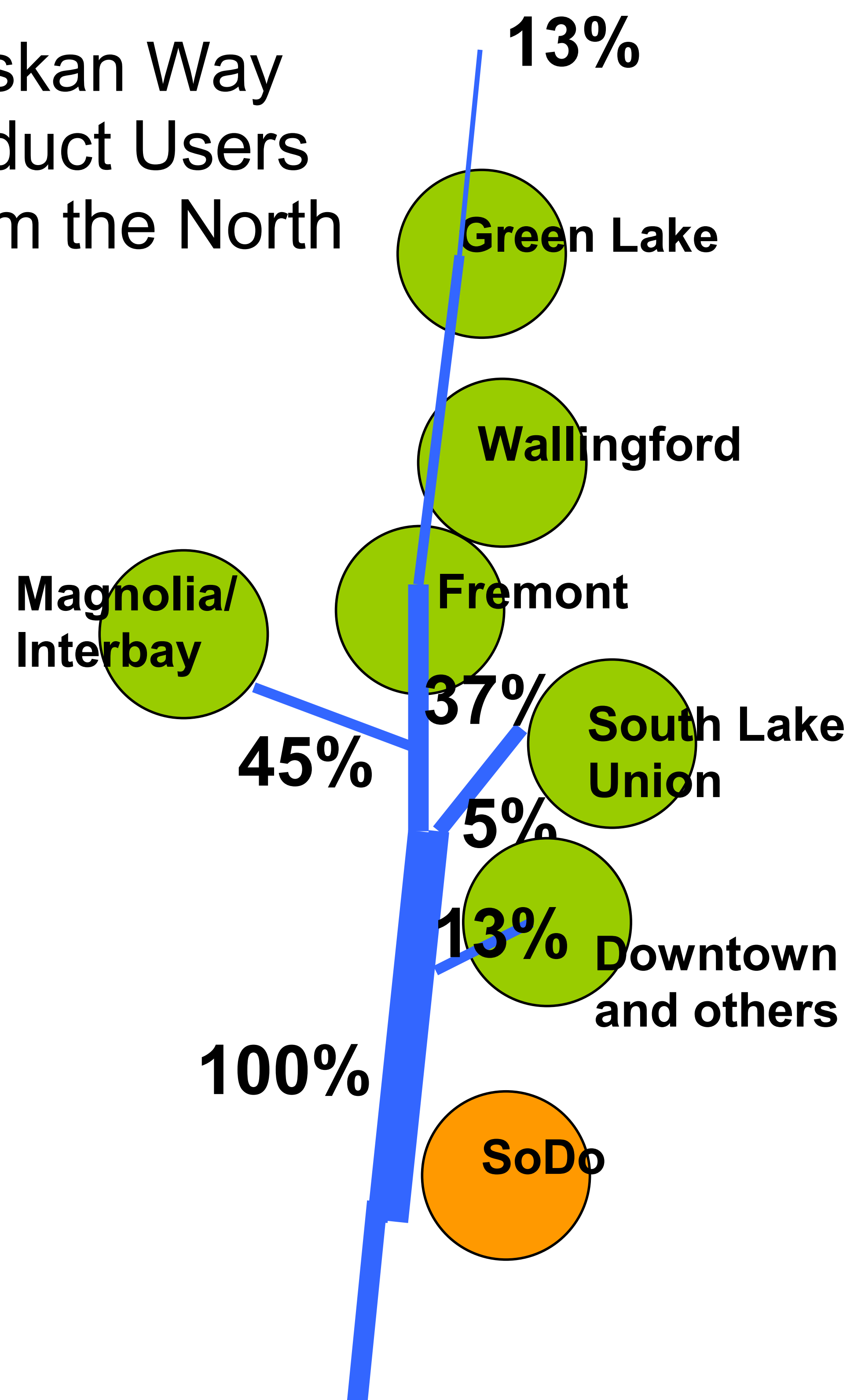
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Travel Patterns

Alaskan Way Viaduct Users from the South



Alaskan Way Viaduct Users From the North



➤ Only 22% of the Alaskan Way Viaduct users travel to/from downtown Seattle

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Potential Multi-Modal Solutions

- Maximize transit and non-motorized modes
- High capacity transit along existing Alaskan Way Viaduct
- High capacity transit along new corridor
- What are your ideas?



Potential Roadway Improvements within the Existing Alaskan Way Viaduct Corridor

- Retrofit existing viaduct
- Two-level replacement viaduct
- One-level structure
- Surface boulevard
- Cut-and-cover tunnel
- Combined structure and boulevard
- Combined structure and tunnel concept
- Combined tunnel and boulevard
- What are your ideas?

What will the project consider when evaluating alternatives?

- Maintain or improve the function and role of the existing Alaskan Way Viaduct corridor for year 2030 traffic volumes
- Maintain or improve roadway system linkages
- Maintain or improve ability of transit to operate in the SR 99 corridor study area
- Ensure the corridor remains a viable freight route
- Improve sub-standard ramp, shoulder, and rail design
- Maintain serviceability of the Alaskan Way Viaduct or replacement facility after a seismic event
- Reduce disruption to traffic flow and circulation during construction

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Maximize Transit and Non-Motorized Modes

Possible Ingredients:

- At-grade transit priority
- Replacement or retrofit of existing viaduct to meet safety needs
- Improved pedestrian and bicycle connections
- Pricing strategies for general traffic and freight to minimize vehicle demand

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Related Improvements

- Access improvements along SR99
- Regional connections
- Freight improvements
- Ferry access improvements
- Pedestrian and bicycle improvements
- Urban design improvements
- What are your ideas?

Potential Roadway Improvements Outside of the Alaskan Way Viaduct Corridor

- Expressway tunnel under downtown
- Bypass bridge across Elliott Bay
- Elliott Bay submerged tunnel
- I-5 improvements
- What are your ideas?



First Level Screening Criteria

- Does the concept meet the program's objectives?
- Is the concept feasible to implement?
- Would the concept likely receive required permits and approvals?

Second Level Criteria to Select Alternatives

- Transportation performance
- Financial performance
- Social impacts
- Environmental impacts
- Construction impacts

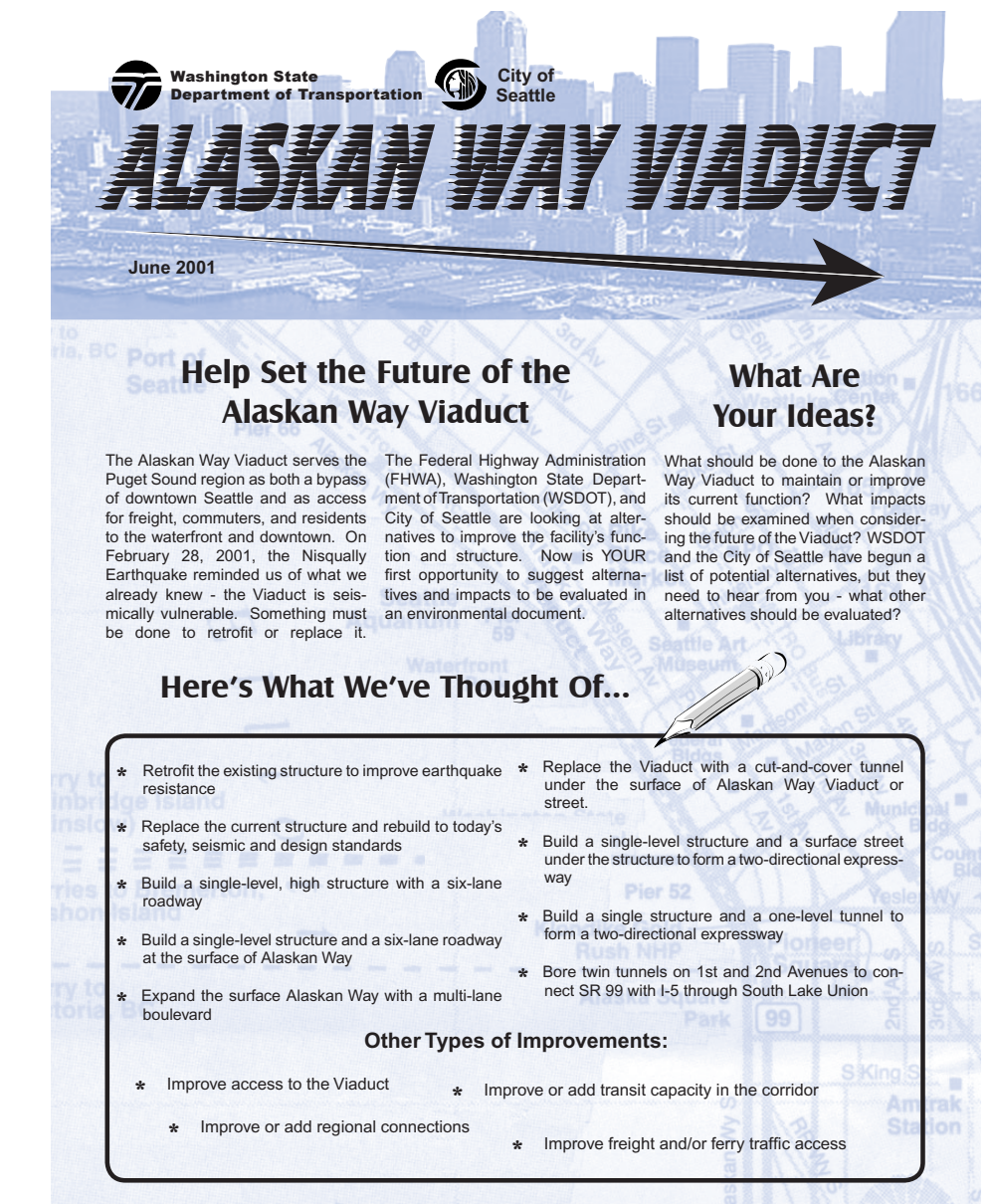
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How can you be involved?

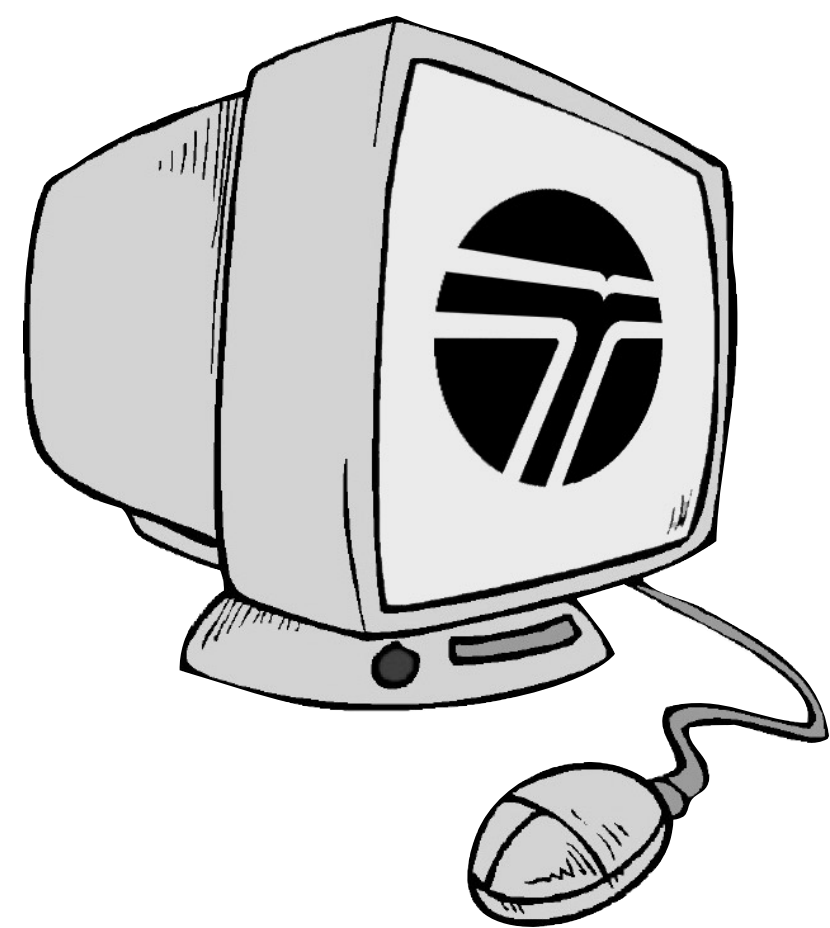
- Attend open houses and workshops



- Join the mailing list to receive newsletters and e-mail announcements



- Send an e-mail to awv@wsdot.wa.gov
- Visit the website www.wsdot.wa.gov/awv



- Schedule a community briefing with your organization



- Nominate someone for the project's advisory committee

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